



STATE OF ARKANSAS

ARKANSAS DEPARTMENT OF LABOR

10421 WEST MARKHAM • LITTLE ROCK, ARKANSAS 72205-2190
(501) 682-4500 • FAX: (501) 682-4535 • TDD: (800) 285-1131

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ARKANSAS' WORK INJURY AND ILLNESS RATE DECREASES FOR THE TWELFTH CONSECUTIVE YEAR

According to a study by the Arkansas Department of Labor and the U.S. Department of Labor's Bureau of Labor Statistics, 4.7 work-related injuries and illnesses were reported in the state for every 100 full-time workers in private industry for 2004. This was down from 5.1 in 2003. See attached table 6 for details of 2004 rates by industry.

Note on industry and occupation classifications: Beginning with the 2003 reference year, the Bureau of Labor Statistics started using the 2002 North American Industry Classification System (NAICS) for industries and the Standard Occupational Classification system (SOC) for occupations. Prior to 2003, the program used the Standard Industrial Classification (SIC) system and the Bureau of the Census Occupational Classification System. Because of the substantial differences between the current and previous systems, the results by industry and occupation in 2003 constitute a break in series, and users are advised against making comparisons between the 2003 industry and occupation categories and the results for previous years.

The annual survey estimates the number and frequency (incident rates) of workplace injuries and illnesses based on logs kept by private industry employers during the year. These records reflect not only the year's injury and illness experience, but also the employer's understanding of which cases are work related under current recordkeeping guidelines of the U.S. Department of Labor. The number of injuries and illnesses reported in any given year can also be influenced by changes in the level of economic activity, working conditions and work practices, worker experience and training, and the number of hours worked. Injuries and illnesses were counted if they resulted in a loss of consciousness, restricted work activity or transfer to another job, or required medical treatment beyond first aid. Fatal injuries and illnesses were not included in this study; however, a separate publication is available from the Arkansas Department of Labor on those statistics.

For more information, contact Leon Cornett at the Arkansas Department of Labor at (501) 682-4542, or write to 10421 West Markham Street, Little Rock, AR 72205.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004

Arkansas

Industry ²	NAICS code ³	2004 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Private industry ⁶		937.1	4.7	2.4	1.2	1.1	2.3
Goods producing ⁶		270.2	6.1	3.3	1.4	1.9	2.8
Natural resources and mining ^{6,7}		15.2	3.8	1.8	0.9	0.9	1.9
Agriculture, forestry, fishing and hunting ⁶	11	11.2	3.8	1.8	0.9	0.8	2.0
Animal production ⁶	112	3.2	5.3	2.7	0.5	2.2	2.6
Forestry and logging	113	--	1.8	1.5	1.5	(")	(")
Logging	1133	3.1	1.8	1.5	1.5	(")	(")
Construction		51.3	5.0	2.4	1.8	0.7	2.6
Construction	23	51.3	5.0	2.4	1.8	0.7	2.6
Construction of buildings	236	11.8	3.9	1.6	1.4	0.2	2.3
Residential building construction	2361	4.0	2.7	1.6	1.5	(")	1.1
Nonresidential building construction	2362	7.7	4.6	1.6	1.3	--	2.9
Heavy and civil engineering construction	237	9.7	2.8	2.0	1.5	0.5	0.8
Utility system construction	2371	4.8	2.4	2.1	2.1	(")	0.4
Highway, street, and bridge construction	2373	3.8	4.1	2.5	1.3	1.3	1.6
Specialty trade contractors	238	29.9	6.1	2.9	2.0	0.9	3.2
Building equipment contractors	2382	14.3	6.9	3.0	1.7	1.3	3.9
Plumbing, heating, and air-conditioning contractors	23822	7.2	7.3	3.5	2.0	1.5	3.8
Building finishing contractors	2383	4.9	6.8	3.1	2.4	0.7	3.7
Other specialty trade contractors	2389	4.9	4.6	2.7	2.2	0.5	1.8
Manufacturing		203.7	6.5	3.6	1.3	2.2	3.0
Manufacturing	31-33	203.7	6.5	3.6	1.3	2.2	3.0
Food manufacturing	311	51.7	6.2	4.1	0.6	3.5	2.1
Grain and oilseed milling	3112	2.4	4.8	1.9	1.0	1.0	2.8
Flour milling and malt manufacturing	31121	1.7	5.5	2.5	1.3	1.2	3.0

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

Arkansas

Industry ²	NAICS code ³	2004 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Rice milling	311212	1.6	5.5	2.5	1.3	1.2	3.0
Animal slaughtering and processing	3116	35.3	6.6	4.7	--	4.3	1.9
Animal slaughtering and processing	31161	35.3	6.6	4.7	--	4.3	1.9
Poultry processing	311615	32.4	6.6	4.8	--	4.4	1.8
Bakeries and tortilla manufacturing	3118	3.4	4.9	2.9	1.0	1.9	2.0
Bread and bakery product manufacturing	31181	2.6	5.1	3.1	1.1	2.0	2.0
Beverage and tobacco product manufacturing	312	1.3	6.6	3.2	(")	2.5	3.4
Beverage manufacturing	3121	1.3	6.6	3.2	(")	2.5	3.4
Textile product mills	314	1.6	3.2	1.1	--	0.9	2.0
Leather and allied product manufacturing	316	2.5	5.8	1.9	--	1.7	3.9
Wood product manufacturing	321	13.9	6.2	4.2	2.7	1.5	2.0
Sawmills and wood preservation	3211	6.2	7.0	5.0	3.9	1.1	2.0
Sawmills and wood preservation	32111	6.2	7.0	5.0	3.9	1.1	2.0
Sawmills	321113	5.6	6.0	4.4	3.3	1.1	1.6
Veneer, plywood, and engineered wood product manufacturing	3212	3.3	0.6	0.4	(")	(")	(")
Other wood product manufacturing	3219	4.4	9.8	6.2	3.1	3.1	3.6
Paper manufacturing	322	12.2	2.8	1.5	1.0	0.5	1.3
Pulp, paper, and paperboard mills	3221	4.8	1.8	1.3	0.7	0.5	0.6
Converted paper product manufacturing	3222	7.5	3.3	1.6	1.2	0.4	1.7
Chemical manufacturing	325	5.1	1.1	0.6	--	0.4	0.4
Plastics and rubber products manufacturing	326	13.1	9.4	5.3	2.4	2.9	4.1
Plastics product manufacturing	3261	7.6	7.6	2.8	1.4	1.4	4.8
Other plastics product manufacturing	32619	4.6	9.6	3.5	1.7	1.7	6.2
Rubber product manufacturing	3262	5.5	11.7	8.7	3.8	4.8	3.1
Nonmetallic mineral product manufacturing	327	4.4	5.9	3.0	0.8	2.2	2.9
Cement and concrete product manufacturing	3273	2.6	5.7	1.8	1.1	0.7	3.9
Primary metal manufacturing	331	8.1	9.4	4.2	1.4	2.7	5.3
Iron and steel mills and ferroalloy manufacturing	3311	2.1	7.9	3.4	1.5	1.9	4.5
Fabricated metal product manufacturing	332	17.7	7.6	4.5	1.7	2.8	3.1
Other fabricated metal product manufacturing	3329	5.6	3.8	1.6	0.5	1.1	2.2
Metal valve manufacturing	33291	2.0	5.9	2.0	0.8	1.2	3.9
All other fabricated metal product manufacturing	33299	3.5	2.6	1.3	(")	1.1	1.3
Machinery manufacturing	333	14.0	8.2	4.4	2.4	2.0	3.8
Agriculture, construction, and mining machinery manufacturing	3331	2.9	8.9	5.4	3.2	2.3	3.4
Agricultural implement manufacturing	33311	2.7	9.8	6.0	3.4	2.6	3.8
Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3334	4.4	8.7	3.7	2.7	1.1	4.9

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

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Other general purpose machinery manufacturing	3339	3.2	5.1	2.6	1.5	1.1	2.5
Material handling equipment manufacturing	33392	1.7	6.1	3.3	1.9	1.4	2.8
Computer and electronic product manufacturing	334	6.2	6.4	3.1	1.2	1.9	3.3
Semiconductor and other electronic component manufacturing	3344	2.0	6.0	2.9	--	2.9	3.0
Electrical equipment, appliance, and component manufacturing	335	13.0	6.4	2.2	0.5	1.7	4.2
Electrical equipment manufacturing	3353	5.2	8.9	1.9	0.6	1.3	7.1
Transportation equipment manufacturing	336	16.2	7.8	3.8	1.8	2.0	4.0
Motor vehicle parts manufacturing	3363	7.2	7.3	4.0	1.6	2.4	3.3
Aerospace product and parts manufacturing	3364	3.1	5.6	2.3	1.0	1.3	3.3
Aerospace product and parts manufacturing	33641	3.1	5.6	2.3	1.0	1.3	3.3
Ship and boat building	3366	1.7	14.6	5.7	3.2	2.5	8.8
Furniture and related product manufacturing	337	7.9	9.9	4.6	2.3	2.3	5.3
Household and institutional furniture and kitchen cabinet manufacturing	3371	5.2	8.2	4.8	2.2	2.6	3.4
Household and institutional furniture manufacturing	33712	3.9	7.3	3.5	1.4	2.1	3.7
Office furniture (including fixtures) manufacturing	3372	2.5	13.4	4.1	2.3	1.8	9.3
Office furniture (including fixtures) manufacturing	33721	2.5	13.4	4.1	2.3	1.8	9.3
Showcase, partition, shelving, and locker manufacturing	337215	2.0	14.0	4.5	2.2	2.3	9.4
Miscellaneous manufacturing	339	6.5	4.0	0.9	0.7	(")	3.1
Other miscellaneous manufacturing	3399	3.9	5.0	1.2	1.0	(")	3.8
Service providing		666.9	4.0	1.9	1.2	0.8	2.1
Trade, transportation, and utilities⁹		237.8	4.1	2.4	1.3	1.1	1.7
Wholesale trade	42	45.9	3.6	2.1	1.2	0.9	1.4
Merchant wholesalers, durable goods	423	21.1	3.1	1.6	0.9	0.7	1.5
Merchant wholesalers, nondurable goods	424	16.5	5.4	3.6	2.0	1.6	1.8
Grocery and related product merchant wholesalers	4244	5.3	7.0	5.0	2.9	2.2	1.9
Retail trade	44-45	130.7	4.4	2.5	1.3	1.2	2.0
Motor vehicle and parts dealers	441	17.7	3.8	1.7	1.5	0.2	2.1
Automobile dealers	4411	10.8	3.9	1.7	1.5	0.2	2.2
Automotive parts, accessories, and tire stores	4413	5.6	4.5	2.3	2.0	(")	2.2
Furniture and home furnishings stores	442	4.1	1.3	1.2	1.0	(")	(")
Food and beverage stores	445	19.5	6.2	3.4	1.8	1.6	2.8

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

Arkansas

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				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Grocery stores	4451	17.1	6.5	3.6	2.1	1.6	2.9
Health and personal care stores	446	6.0	0.3	(")	(")	(")	(")
Gasoline stations	447	13.1	2.3	(")	(")	(")	2.3
Sporting goods, hobby, book, and music stores	451	4.3	2.8	1.2	0.6	0.5	1.7
General merchandise stores	452	35.5	6.1	4.0	1.7	2.3	2.2
Nonstore retailers	454	2.2	2.0	0.8	(")	(")	1.2
Transportation and warehousing⁹	48-49	54.6	4.0	2.7	1.4	1.3	1.4
Rail transportation ⁹	482	--	2.2	1.4	1.1	(")	0.8
Truck transportation	484	33.4	3.4	2.2	1.7	--	1.2
Couriers and messengers	492	3.3	9.4	7.5	1.6	5.9	2.0
Utilities	22	6.5	4.0	1.7	1.5	(")	2.3
Utilities	221	6.5	4.0	1.7	1.5	(")	2.3
Electric power generation, transmission and distribution	2211	4.9	4.9	2.0	1.8	(")	2.9
Information		20.2	2.0	1.1	0.6	0.6	0.8
Information	51	20.2	2.0	1.1	0.6	0.6	0.8
Publishing industries (except Internet)	511	6.5	4.2	2.1	0.6	1.5	2.1
Newspaper, periodical, book, and directory publishers	5111	6.2	4.4	2.2	0.6	1.6	2.2
Financial activities		49.2	1.2	0.5	0.4	0.1	0.7
Finance and insurance	52	35.9	0.6	0.2	0.1	(")	0.5
Real estate and rental and leasing	53	13.2	2.9	1.6	1.1	0.4	1.4
Real estate	531	8.1	2.8	1.3	1.1	0.2	1.4
Rental and leasing services	532	5.1	3.2	1.9	1.2	0.7	1.3
Professional and business services		108.1	2.9	1.2	0.9	0.4	1.7
Administrative and support and waste management and remediation services	56	51.6	5.4	2.3	1.6	0.7	3.1

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

Arkansas

Industry ²	NAICS code ³	2004 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Education and health services		136.6	6.5	2.2	1.4	0.8	4.3
Educational services	61	8.0	3.2	1.1	1.0	(")	2.1
Health care and social assistance	62	128.6	6.7	2.3	1.4	0.9	4.4
Ambulatory health care services	621	39.6	3.1	0.7	0.5	0.3	2.4
Hospitals	622	41.8	8.7	2.1	1.2	--	6.6
Nursing and residential care facilities	623	25.7	10.4	5.2	3.3	1.9	5.2
Social assistance	624	21.6	5.0	1.8	1.2	0.6	3.2
Leisure and hospitality		90.9	3.7	1.9	1.4	0.5	1.8
Arts, entertainment, and recreation	71	9.1	4.2	1.3	0.9	--	2.9
Amusement, gambling, and recreation industries	713	6.9	3.8	1.3	0.8	0.5	2.5
Accommodation and food services	72	81.8	3.6	2.0	1.5	0.5	1.7
Accommodation	721	11.0	4.0	1.7	1.4	0.3	2.3
Traveler accommodation	7211	10.6	4.2	1.8	1.4	0.3	2.4
Hotels (except casino hotels) and motels	72111	10.4	4.2	1.8	1.5	0.3	2.4
Food services and drinking places	722	70.8	3.6	2.0	1.5	--	1.5
Other services		24.3	2.9	1.8	1.1	0.7	1.1
Other services, except public administration	81	24.3	2.9	1.8	1.1	0.7	1.1

See footnotes at end of table.

Table 6. Incidence rates ¹ of nonfatal occupational injuries and illnesses by industry and case types, 2004 -- Continued

Arkansas

Industry ²	NAICS code ³	2004 Average annual employment ⁴ (000's)	Total recordable cases	Cases with days away from work, job transfer, or restriction			Other recordable cases
				Total	Cases with days away from work ⁵	Cases with job transfer or restriction	
Repair and maintenance	811	9.6	3.6	2.1	1.8	0.3	1.4
Automotive repair and maintenance	8111	7.1	3.8	1.9	1.5	0.4	1.9
Religious, grantmaking, civic, professional, and similar organizations	813	6.3	1.1	0.9	0.9	(¹¹)	(¹¹)

¹ Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses
 EH = total hours worked by all employees during the calendar year
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

² Totals include data for industries not shown separately.

³ North American Industry Classification System 2002 Edition

⁴ Employment is expressed as an annual average and is derived primarily from the BLS-State Quarterly Census of Employment and Wages.

⁵ Days-away-from-work cases include those that result in days away from work with or without job transfer or restriction.

⁶ Excludes farms with fewer than 11 employees.

⁷ Data for mining (Sector 21 in the North American Industry Classification System -- United States, 2002) include establishments not governed by the Mine Safety and Health Administration (MSHA) rules and reporting, such as those in oil and gas extraction and related support activities. Data for mining operators in coal, metal, and nonmetal mining are provided to BLS by the Mine Safety and

Health Administration, U.S. Department of Labor. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁸ Data for mining operators in this industry are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor. Independent mining contractors are excluded. These data do not reflect the changes the Occupational Safety and Health Administration made to its recordkeeping requirements effective January 1, 2002; therefore estimates for these industries are not comparable to estimates in other industries.

⁹ Data for employers in rail transportation are provided to BLS by the Federal Railroad Administration, U.S. Department of Transportation.

¹⁰ Incidence rate less than 0.05.

¹¹ Fewer than 15 cases.

NOTE: Because of rounding, components may not add to totals.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.